

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--------------------|------------------|---------|------------------|
| S1 | 5 | ((("4914488") or ("4960728") or ("6208005") or ("6515335") or ("20020185686")).PN. | US-PGPUB; USPAT | OR | OFF | 2005/10/19 08:14 |
| S2 | 4 | ((("2002185686") or ("4914488") or ("4960728") or ("6208005") or ("6515335")).PN. | US-PGPUB; USPAT | OR | OFF | 2005/10/19 08:18 |
| S3 | 26 | ((("20010003364") or ("20010014570") or ("20020043660") or ("20020084000") or ("20020096717") or ("20020100942") or ("20020123167") or ("20020123183") or ("20020125471") or ("20020168864") or ("20020185686") or ("20030003679") or ("20030013323") or ("20030034529") or ("20030041798") or ("20030057439") or ("20030102498") or ("20030199126") or ("20030203600") or ("20030215990") or ("20030218189") or ("20030227057") or ("20040005740") or ("20040014304") or ("20040031979") or ("20040041210")).PN. | US-PGPUB; USPAT | OR | OFF | 2005/10/19 08:26 |
| S4 | 27 | ((("20040075149") or ("4010045") or ("4710788") or ("4900372") or ("4987462") or ("4990979") or ("4997776") or ("5013681") or ("5091767") or ("5097630") or ("5155571") or ("5159413") or ("5166084") or ("5177583") or ("5202284") or ("5207864") or ("5208182") or ("5210052") or ("5212110") or ("5221413") or ("5240876") or ("5241197") or ("5250445") or ("5252173") or ("5279687") or ("5285086") or ("5291439")).PN. | US-PGPUB; USPAT | OR | OFF | 2005/10/19 08:41 |

EAST (pages 1-9) *SPH*

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|----|----|---|--------------------|----|-----|------------------|
| S5 | 27 | ((("5298452") or ("5308444") or ("5310451") or ("5316958") or ("5346848") or ("5374564") or ("5399522") or ("5413679") or ("5424243") or ("5425846") or ("5426069") or ("5426316") or ("5442205") or ("5461243") or ("5461250") or ("5462883") or ("5476813") or ("5479033") or ("5484664") or ("5523243") or ("5523592") or ("5534713") or ("5536361") or ("5540785") or ("5572043") or ("5596527") or ("5617351"))).PN. | US-PGPUB; USPAT | OR | OFF | 2005/10/19 08:50 |
| S6 | 29 | ((("5630905") or ("5633516") or ("5659187") or ("5683934") or ("5698869") or ("5714777") or ("5728623") or ("5739567") or ("5759898") or ("5777347") or ("5786612") or ("5786614") or ("5792679") or ("5801085") or ("5808344") or ("5810924") or ("5828114") or ("5847419") or ("5859864") or ("5877070") or ("5891769") or ("5906708") or ("5906951") or ("5912479") or ("5943560") or ("5963560") or ("5963817") or ("5966622") or ("5998807"))).PN. | US-PGPUB; USPAT | OR | OFF | 2005/10/19 09:01 |
| S7 | 1 | ("5943560").PN. | US-PGPUB; USPAT | OR | OFF | 2005/10/19 08:58 |
| S8 | 28 | ((("6010937") or ("6013134") or ("6030884") or ("6033974") or ("6033995") or ("6039803") or ("6058044") or ("6059895") or ("6074919") or ("6096590") or ("6103559") or ("6107653") or ("6111267") or ("6117750") or ("6124617") or ("6130453") or ("6133799") or ("6140687") or ("6143636") or ("6153495") or ("6154475") or ("6160303") or ("6162688") or ("6184111") or ("6191006") or ("6191007") or ("6191432") or ("6194722"))).PN. | US-PGPUB; USPAT | OR | OFF | 2005/10/19 09:17 |

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|-----|------|---|---|----|-----|------------------|
| S9 | 28 | ((("6204529") or ("6207977") or ("6210988") or ("6218677") or ("6232138") or ("6235567") or ("6242324") or ("6249022") or ("6251755") or ("6261929") or ("6266278") or ("6271551") or ("6271726") or ("6291321") or ("6313016") or ("6316301") or ("6323108") or ("6329063") or ("6335546") or ("6339232") or ("6350993") or ("6352909") or ("6368733") or ("6372356") or ("6399970") or ("6403975") or ("6406589") or ("6407406")).PN. | US-PGPUB; USPAT | OR | OFF | 2005/10/19 09:22 |
| S10 | 28 | ((("6420937") or ("6425951") or ("6429061") or ("6482749") or ("6518644") or ("6521041") or ("6524935") or ("6525338") or ("6555839") or ("6573126") or ("6576532") or ("6583015") or ("6593191") or ("6594293") or ("6602613") or ("6603156") or ("6646322") or ("6649480") or ("6677192") or ("6703144") or ("6703688") or ("6709903") or ("6713326") or ("6723661") or ("6724008") or ("6730551") or ("6737670") or ("6750130")).PN. | US-PGPUB; USPAT | OR | OFF | 2005/10/19 09:25 |
| S11 | 2 | ((("6723661") or ("6724008")).PN. | US-PGPUB; USPAT | OR | OFF | 2005/10/19 09:25 |
| S12 | 21 | ("4960728").URPN. | USPAT | OR | ON | 2005/10/19 12:59 |
| S13 | 153 | (silicon and germanium) and (anneal\$5 with homogen\$9) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/19 13:00 |
| S14 | 40 | S13 and (silicon\$1on\$1insulator soi) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/19 13:01 |
| S15 | 0 | ("2004/0214407").URPN. | USPAT | OR | ON | 2005/10/19 13:10 |
| S16 | 1754 | 438/796.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/19 16:44 |

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| S17 | 33 | 438/797.ccls. not (438/796.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/19 16:47 |
| S18 | 1086 | 438/479.ccls. not (438/797.ccls. 438/796.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/19 16:48 |
| S19 | 217 | S18 and ((silicon with germanium) SiGe) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/19 16:49 |

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|-----|---------|--|--------------------|----|----|------------------|
| S20 | 1155712 | "20010003364" "20010014570" "20020043660" "20020084000" "20020096717" "20020100942" "20020123167" "20020123183" "20020125471" "20020168864" "20020185686" "20020190284" "20030003679" "20030013323" "20030034529" "20030041798" "20030057439" "20030098479" "20030102498" "20030127646" "20030199126" A1 "20030203600" "20030215990" "20030218189" "20030227057" "20040005740" "20040012075" "20040014304" "20040031979" "20040041210" "20040075149" "20040132267" "20040214407" "20040238885" "20040241459" "20040241460" A1 "20040259334" "20050130424" "20050208780" "4010045" "4481044" "4501625" "4710788" "4846926" "4849033" "4900372" "4914488" "4960728" "4987462" "4990979" "4997776" "5013681" "5079192" "5091767" "5097630" "5155571" "5159413" "5162256" "5166084" "5177583" "5202284" "5207864" "5208182" "5210052" "5212110" "5221413" "5240876" "5241197" "5250445" "5252173" "5279687" "5285086" "5290394" "5291439" "5298452" "5306662" "5308444" "5310451" "5316958" "5346848" "5374564" "5399522" "5413679" "5424243" "5425846" "5426069" "5426316" "5442205" "5461243" "5461250" "5462883" "5476813" "5479033" "5484664" "5523243" "5523592" "5534713" "5536361" "5540785" "5572043" "5596527" "5617351" "5630905" "5633516" "5659187" "5683934" "5698869" "5714777" "5728623" "5739567" "5759898" "5777347" "5786612" "5786614" "5792679" "5801085" "5808344" "5810924" "5828114" "5847419" "5859864" "5877070" "5891769" "5906708" "5906951" "5912479" "5943560" "5963817" "5966622" "5998807" "6010937" "6013134" "6030884" "6033974" "6033995" "6039803" "6058044" "6059895" "6074919" "6096590" "6103559" "6107653" "6111267" "6117750" "6124617" "6130453" "6133799" "6140687" "6143638" "6143855" "6154475" "6160303" "6162688" "6184111" "6101006" "6101007" "6101423" | US-PGPUB; USPAT | OR | ON | 2005/10/25 17:02 |
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|-----|-------|---|---|----|-----|------------------|
| S21 | 45449 | S20 and annealing | US-PGPUB; USPAT | OR | ON | 2005/10/25 17:02 |
| S22 | 60380 | S20 and anneal\$5 | US-PGPUB; USPAT | OR | ON | 2005/10/25 17:03 |
| S23 | 5575 | S22 and silicon and germanium | US-PGPUB; USPAT | OR | ON | 2005/10/25 17:03 |
| S24 | 285 | S23 and (diffus\$5 with (silicon germanium) with anneal\$5) | US-PGPUB; USPAT | OR | ON | 2005/10/25 17:09 |
| S25 | 51 | S24 and (concentration with (variation vary\$5 graded)) | US-PGPUB; USPAT | OR | ON | 2005/10/25 17:10 |
| S26 | 1 | ("2004/0048450").URPN. | USPAT | OR | ON | 2005/10/25 17:42 |
| S27 | 646 | ((silicon with germanium) SiGe) with (lattice adj constant) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/28 17:46 |
| S28 | 608 | S27 and ((silicon Si) with (lattice adj constant)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/28 17:47 |
| S29 | 603 | ((silicon with germanium) SiGe) with (lattice adj constant) with ((silicon Si) with (lattice adj constant)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/28 17:48 |
| S30 | 255 | S29 with differ\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/28 17:48 |
| S31 | 214 | S30 with (differ\$5 near (lattice adj constant)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/28 17:49 |
| S32 | 28 | ((silicon with germanium) SiGe) with (deposit\$5 formed forming) with (PECVD MBE) with temperature | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/28 19:51 |
| S33 | 2 | (("6855436") or ("20040241459")).PN. | US-PGPUB; USPAT | OR | OFF | 2005/10/29 14:16 |

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| S34 | 15 | ("20020030227" "20020185686" "20030139000" "20040012075" "4866498" "5461243" "5563428" "5667586" "5759898" "5846867" "6118151" "6190975" "6515335" "6593625" "6607948").PN. OR ("6855436"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/29 14:26 |
| S35 | 471 | ((silicon with germanium) SiGe) and (anneal\$5 with diffus\$5) and (chemical\$1mechanical cmp) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/29 15:30 |
| S36 | 6 | S35 and ((anneal\$5 with diffus\$5) same ((continuous homogeneous uniform) with SiGe)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/29 14:30 |
| S37 | 21 | S35 and (((silicon with germanium) SiGe) with (chemical\$1mechanical cmp)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/29 16:07 |
| S38 | 192 | (((silicon with germanium) SiGe) with (chemical\$1mechanical cmp)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/29 20:43 |
| S39 | 31 | S38 same bonding | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/29 16:37 |
| S40 | 1 | ("5906951").PN. | US-PGPUB; USPAT | OR | OFF | 2005/10/29 16:37 |
| S41 | 61 | ("5395769" "5462883" "5534713" "5659187").PN. OR ("5906951").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/29 16:39 |
| S42 | 9717 | ((undulat\$5 wavy waving) near surface) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/29 18:31 |

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| S43 | 14 | S42 and superlattice | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/29 18:31 |
| S44 | 11 | (((silicon with germanium) SiGe) with anneal\$5) same (chemical\$1mechanical cmp) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/01 11:23 |
| S45 | 158 | ((silicon with germanium) SiGe) with anneal\$5 with relax\$7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/01 08:04 |
| S46 | 45 | S45 and (anneal\$5 with diffus\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/01 07:37 |
| S47 | 16 | S45 and (anneal\$5 with composition) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/01 07:37 |
| S48 | 106 | (((silicon with germanium) SiGe) with strain\$5) and (relax\$5 with diffus\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/01 08:05 |
| S49 | 38 | (((silicon with germanium) SiGe) with anneal\$5) same (planariz\$7 polish\$5 chemical\$1mechanical cmp) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/01 13:35 |
| S50 | 177 | ((silicon with germanium) SiGe) same anneal\$5 same (planariz\$7 polish\$5 chemical\$1mechanical cmp) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/01 11:58 |

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| S51 | 58 | S50 and ((bond bonding) same oxide) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/01 11:59 |
| S52 | 1 | ("6287941").PN. | US-PGPUB; USPAT | OR | OFF | 2005/11/01 13:14 |
| S53 | 514 | ((silicon with germanium) SiGe) and haze | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/01 13:41 |
| S54 | 3 | S53 and superlattice | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/01 13:36 |
| S55 | 193 | S53 and (haze with (caus\$4 result\$5 produc\$5)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/01 13:42 |
| S56 | 16 | superlattice and haze | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/03 18:40 |